

ABSTRACT OF THE DISCLOSURE

A wobble signal detection circuit is provided for an optical disk apparatus which detects a wobble signal by focusing a light beam into a spot on a pregroove 5 on an optical disk during recording of data onto and reproduction of data from the optical disk, and includes a photodetector which detects first and second lights from first and second portions of the spot, respectively, and outputs first and second detection signals corresponding 10 to respective power levels of the first and second detection lights. The wobble signal detection circuit includes: a sample-and-hold circuit sampling and holding the first and second detection signals output from said photodetector during the recording of the data onto the 15 optical disk; lowpass filter means for reducing noise components of the respective first and second detection signals; and subtraction means for calculating a difference between the first and second detection signals respectively output from said lowpass filter means so as 20 to obtain the wobble signal.

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